Climate Change and Human Health Literature Portal

National Institute of Environmental Health Sciences

Climate change: Impacts, vulnerabilities and adaptation in developing countries

Author(s):	United Nations Framework Convention on Climate Change (UNFCCC)
Year:	2007
Publisher:	United Nations Framework Convention on Climate Change (UNFCCC) Climate Change Secretariat (Bonn, Germany)

Abstract:

The United Nations Framework Convention on Climate Change (UNFCCC) secretariat has produced this book to highlight the concerns and needs of developing countries in adapting to the effects of climate change. This book outlines the impact of climate change in four developing country regions: Africa, Asia, Latin America and small island developing States; the vulnerability of these regions to future climate change; current adaptation plans, strategies and actions; and future adaptation options and needs.

Source: http://unfccc.int/resource/docs/publications/impacts.pdf

Resource Description

Communication: ☒

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience: ☒

audience to whom the resource is directed

Public

Early Warning System: ☒

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure : ☒

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Glacier/Snow Melt, Human Conflict/Displacement, Precipitation, Sea Level Rise, Temperature

Air Pollution: Dust, Other Air Pollution

Air Pollution (other): Smog

Extreme Weather Event: Drought, Flooding, Hurricanes/Cyclones, Landslides

Food/Water Quality: Other Water Quality Issue

Water Quality (other): Ocean temperature; Ocean acidity; Salinity

Food/Water Security: Agricultural Productivity, Fisheries, Food Access/Distribution, Nutritional Quality

Temperature: Extreme Heat, Fluctuations

Geographic Feature: ☒

resource focuses on specific type of geography

Mountain, Ocean/Coastal, Rural, Urban, Other Geographical Feature

Other Geographical Feature : Forests

Geographic Location: ☒

resource focuses on specific location

Global or Unspecified

Health Co-Benefit/Co–Harm (Adaption/Mitigation): ☒

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Mental Health/Stress, Morbidity/Mortality, Other Health Impact

Infectious Disease: Airborne Disease, Foodborne/Waterborne Disease, General Infectious Disease, Vectorborne Disease, Zoonotic Disease

Airborne Disease: Meningitis, Tuberculosis

Foodborne/Waterborne Disease: Cholera, Leptospirosis, Other Diarrheal Disease

Vectorborne Disease: General Vectorborne, Mosquito-borne Disease

Mosquito-borne Disease: Dengue, Malaria

Zoonotic Disease: Hantavirus Pulmonary Syndrome

Other Health Impact: Well-being; Heat stress

Medical Community Engagement: ☒

resource focus on how the medical community discusses or acts to address health impacts of climate change

 A focus of content

Mitigation/Adaptation: ☒

mitigation or adaptation strategy is a focus of resource

 Adaptation

Model/Methodology: ☒

type of model used or methodology development is a focus of resource

 Cost/Economic, Exposure Change Prediction, Methodology

Resource Type: ☒

format or standard characteristic of resource

 Policy/Opinion, Review

Resilience: ☒

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

 A focus of content

Timescale: ☒

time period studied

 Long-Term (>50 years)

Vulnerability/Impact Assessment: ☒

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

 A focus of content